

MATTINGLY, STANGER & MALUR, P.C.

JOHN R. MATTINGLY*
DANIEL J. STANGER
SHRINATH MALUR*

GENE W. STOCKMAN
Of Counsel

JEFFREY M. KETCHUM
Registered Patent Agent

* Bar Membership Other Than Virginia

ATTORNEYS AT LAW

1800 DIAGONAL ROAD, SUITE 370
ALEXANDRIA, VIRGINIA 22314

(703) 684-1120

PATENT, TRADEMARK
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

Date: October 15, 2003

Attorney Docket No. H-1114

CUSTOMER NO. 24956

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir: Transmitted herewith for filing is the patent application of:

Inventor: S. KANNO et al (see attached)

For:
CATALYTIC EXHAUST GAS DECOMPOSITION APPARATUS AND
EXHAUST GAS DECOMPOSITION METHOD

Enclosed are:

- ☒ 5 Sheets of Drawings
- ☐ This application is being filed without an executed Declaration.
- ☒ Priority is claimed from Japanese Application No. 2003-110980
filed April 16, 2003 ☒ A certified copy is attached herewith. (which is hereby
incorporated by
reference)
- ☐ Copies of the disclosure documents listed on the attached PTO 1449 form and
☐ discussed in the specification or ☐ attached Information Disclosure Statement.
- ☐ Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
- ☒ Specification: Abstract X, Description 21 pages; and 19 claim(s).
- ☒ Preliminary Amendment.
- ☒ Executed Declaration.

The filing fee is calculated as shown below:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	19 - 20 =	* 0
Indep Claims	3 - 3 =	* 0
<input type="checkbox"/> Multiple Dependent Claim (s)		

* If difference is less than zero
then enter '0' in second column

Small Entity

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Large Entity

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770

- ☒ A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.
- ☒ The Commissioner is hereby authorized to charge any additional fees that may be required to
Deposit Account No. 50-1417.

Respectfully Submitted,

By:

John R. Mattingly

Registration No. 30,298

LIST OF INVENTORS' NAMES AND ADDRESSES

Shuichi KANNO, Hitachi, JAPAN;

Shin TAMATA, Higashiibaraki-gun, JAPAN;

Kazuyoshi IRIE, Hitachi, JAPAN;

Kenji YAMAMOTO, Hitachinaka, JAPAN;

Masayuki TANIGUCHI, Hitachinaka, JAPAN;

Osamu ITO, Hitachiohta, JAPAN;

Hironobu KOBAYASHI, Hitachi, JAPAN.